

IN THE CLAIMS:

Claims 1, 8, 12, 15, 22, 23, 24, 26, 37, 39, 40, 44, 46, 47, 63, 66, 70, 73, 77, and 86 have been amended, as follows:

1. (currently amended) A wireless network system, comprising:
a server system connected to a network;
an electronic device having a wireless transceiver adapted to communicate via at least one of light transmission and radio frequency (RF) transmission; and
a portable wireless device having a first wireless connection with the electronic device and having a second wireless connection to the network, the portable wireless device communicating wirelessly with the electronic device through the wireless transceiver of the electronic device, wherein payment information data is transferred from the portable wireless device to the electronic device via the first wireless connection, transaction data including the payment information data is transferred from the electronic device to the portable wireless device via the first wireless connection and then to the server system via the second wireless connection, and response data is transferred from the server system to the portable wireless device via the second wireless connection and then to the electronic device via the first wireless connection.

2. (original) The wireless network system according to claim 1, wherein communication between the electronic device and the server system is secured from the portable wireless device.

3. (original) The wireless network system according to claim 1, wherein the wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System

for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

Claims 4 and 5 (cancelled).

6. (original) The wireless network system according to claim 1, wherein the electronic device lacks a permanent connection to the network.

7. (original) The wireless network system according to claim 1, wherein the electronic device only communicates with the server system indirectly through the portable wireless device

8. (currently amended) The wireless network system according to claim 1, wherein the server system is adapted to process [[a]] the transaction data including the payment information data.

9. (original) The wireless network system according to claim 1, wherein the portable wireless device includes a second wireless transceiver to communicate wirelessly with the wireless transceiver of the electronic device.

10. (original) The wireless network system according to claim 1, wherein the network is a wide area network (WAN).

11. (original) The wireless network system according to claim 1, wherein communication between the electronic device and the server system is packet-based.

12. (currently amended) A method of wireless communication, comprising:
connecting a server system to a network;
establishing a first wireless connection from an electronic device to a portable

wireless device;

establishing a second wireless connection to the network by the portable

wireless device;

transmitting payment information data via the first wireless connection from the portable wireless device to the electronic device;

transmitting transaction data including the payment information data via the first wireless connection from the electronic device to the portable wireless device;

transmitting the transaction data from the portable wireless device and to the server system via the second wireless connection; [[and]]

receiving response data via the second wireless connection from the server system at the portable wireless device; and

transmitting the response data from the portable wireless device to the electronic device via the first wireless connection.

13. (previously presented) The method according to claim 12, wherein the first wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

14. (original) The method according to claim 12, wherein communication between the electronic device and the server system is secured from the portable wireless device.

15. (currently amended) The method according to claim 12, further including processing ~~[[a]]~~ the transaction data including the payment information by the server system.

Claim 16 – 17 (cancelled).

18. (original) The method according to claim 12, wherein the electronic device lacks a permanent connection to the network.

Claim 19 (cancelled).

20. (original) The method according to claim 12, wherein the network is a wide area network (WAN).

21. (original) The method according to claim 12, wherein communication between the electronic device and the server system is packet-based.

22. (currently amended) A portable wireless device, comprising:
a first wireless transceiver to communicate wirelessly with an electronic device via a first wireless connection, wherein the first wireless transceiver ~~[[is]]~~ being adapted to communicate via at least one of light transmission and radio frequency (RF) transmission and the first wireless transceiver transmitting payment information data to the electronic device and receiving transaction data including the payment information data back from the electronic device via the first wireless connection; and

a second wireless transceiver having a second wireless connection to a network, a server system being connected to the network, ~~wherein the first wireless transceiver receives data from the electronic device,~~ the second wireless transceiver ~~transmits~~ transmitting the transaction data including the payment information data to the server system over the network via the second wireless connection, the second wireless

transceiver ~~receives~~ receiving response data from the server system via the second wireless connection, and the first wireless transceiver transmits the response data to the electronic device via the first wireless connection.

23. (currently amended) The portable wireless device according to claim 22, wherein the first wireless transceiver communicates ~~wirelessly~~ with the electronic device utilizing the first wireless connection via a protocol selected from the group consisting of InfraRed communication, Bluetooth protocol, and IEEE 802.11 protocol.

24. (currently amended) The portable wireless device according to claim 22, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

25. (previously presented) The portable wireless device according to claim 22, wherein the first wireless transceiver and the second wireless transceiver are located in a same device.

26. (currently amended) The portable wireless device according to claim 22, wherein the server system is adapted to process ~~[[a]]~~ the transaction data including the payment information data.

Claims 27 and 28 (cancelled).

29. (original) The portable wireless device according to claim 22, wherein the

electronic device lacks a permanent connection to the network.

30. (original) The portable wireless device according to claim 22, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

31. (original) The portable wireless device according to claim 22, wherein the network is a wide area network (WAN).

32. (original) The portable wireless device according to claim 22, wherein the portable wireless device is a mobile telephone.

33. (original) The portable wireless device according to claim 22, wherein the portable wireless device is a laptop computer.

34. (original) The portable wireless device according to claim 22, wherein the portable wireless device is a personal digital assistant (PDA).

35. (original) The portable wireless device according to claim 22, wherein the portable device is selected from the group consisting of an embedded computing device in a vehicle, and an embedded computing device within a wearable computer.

36. (original) The portable wireless device according to claim 22, wherein communication between the electronic device and the server system is packet-based.

37. (currently amended) A method of wireless communication by a portable wireless device, comprising:

establishing a first wireless ~~communication~~ connection, by the portable wireless device, with an electronic device via at least one of light transmission and radio frequency (RF) transmission;

establishing a separate second wireless connection to a network, wherein a

server system is connected to the network;

transmitting payment information data to the electronic device;

receiving transaction data including the payment information data from the electronic device via the first wireless connection, at the portable wireless device, the transaction data including the payment information data being destined for the server system ~~wirelessly from the electronic device;~~

transmitting the transaction data including the payment information data destined for the server system over the network via the second wireless connection to the server system;

receiving response data at the portable wireless device via the second wireless connection, the response data being destined for the electronic device from the server system ~~over the network via the wireless connection;~~ and

transmitting the response data destined for the electronic device from the portable wireless device wirelessly to the electronic device via the first wireless connection.

38. (original) The method according to claim 37, wherein communication between the electronic device and the server system is secured from the portable wireless device.

39. (currently amended) The method according to claim 37, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular

Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

40. (currently amended) The method according to claim 37, wherein the server system is adapted to process [[a]] the transaction data including the payment information data.

41. (original) The method according to claim 37, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

42. (original) The method according to claim 37, wherein the network is a wide area network (WAN).

43. (original) The method according to claim 37, wherein communication between the electronic device and the server system is packet-based.

44. (currently amended) A program code storage device, comprising:
a machine-readable storage medium; and
machine-readable program code, stored on the machine readable storage medium, having instructions, which when executed cause a portable wireless device to establish a first wireless ~~communication~~ connection, at the portable wireless device, with an electronic device via at least one of light transmission and radio frequency (RF) transmission,

establish a separate second wireless connection to a network, wherein a server system is connected to the network,

transmit, from the portable wireless device, payment information data to the electronic device via the first wireless connection;

receive, at the portable wireless device, transaction data including the payment information data from the electronic device ~~destined for the server system wirelessly~~ via the first wireless connection ~~from the electronic device~~,

transmit the transaction data including the payment information data destined for the server system over the network via the second wireless connection to the server system,

receive response data at the portable wireless device destined for the electronic device from the server system over the network via the second wireless connection, and

transmit the response data destined for the electronic device from the portable electronic device wirelessly to the electronic device via the first wireless connection.

45. (original) The program code storage device according to claim 44, wherein communication between the electronic device and the server system is secured from the portable wireless device.

46. (currently amended) The program code storage device according to claim 44, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

47. (currently amended) The program code storage device according to claim

44, wherein the server system is adapted to process [[a]] the transaction data including the payment information data.

48. (original) The program code storage device according to claim 44, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

49. (original) The program code storage device according to claim 44, wherein the network is a wide area network (WAN).

50. (original) The program code storage device according to claim 44, wherein communication between the electronic device and the server system is packet-based.

Claims 51 – 62 (cancelled).

63. (currently amended) A method of wireless communication by an electronic device, comprising:

establishing a first wireless connection with a portable wireless device via at least one of light transmission and radio frequency (RF) transmission, wherein the portable wireless device has a second wireless connection to a network, and a server system is connected to the network;

receiving payment information data from the portable wireless device via the first wireless connection;

transmitting transaction data including payment information data destined for the server system wirelessly via the first wireless connection to the portable electronic device, wherein the portable wireless device transmits the data destined for the server system over the network via the second wireless connection to the server system; and

receiving response data destined for the electronic device via the first wireless connection, wherein the portable wireless device first receives the response data destined for the electronic device from the server system over the network via the second wireless connection and transmits the response data destined for the electronic device wirelessly via the first wireless connection to the electronic device.

64. (original) The method according to claim 63, wherein communication between the electronic device and the server system is secured from the portable wireless device.

65. (previously presented) The method according to claim 63, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

66. (currently amended) The method according to claim 63, wherein the server system is adapted to process [[a]] the transaction data including the payment information data.

67. (original) The method according to claim 63, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

68. (original) The method according to claim 63, wherein the network is a wide area network (WAN).

69. (original) The method according to claim 63, wherein communication between the electronic device and the server system is packet-based.

70. (currently amended) A program code storage device, comprising:
a machine-readable storage medium; and
machine-readable program code, stored on the machine-readable storage medium, having instructions, which when executed cause an electronic device to
establish a first wireless connection with a portable wireless device via at least one of light transmission and radio frequency (RF) transmission, wherein the portable wireless device has a second wireless connection to a network, and a server system is connected to the network,

receive payment information data from the portable wireless device via the first wireless connection;

transmit transaction data including the payment information data, destined for the server system, wirelessly to the portable electronic device utilizing the first wireless connection, wherein the portable wireless device transmits the data destined for the server system over the network via the second wireless connection to the server system, and

receive response data destined for the electronic device via the first wireless connection from the portable wireless device which was originally sent from the server system via the second wireless connection.

71. (original) The program code storage device according to claim 70, wherein communication between the electronic device and the server system is secured from the portable wireless device.

72. (previously presented) The program code storage device according to claim 70, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

73. (currently amended) The program code storage device according to claim 70, wherein the server system is adapted to process [[a]] the transaction including the payment information data.

74. (original) The program code storage device according to claim 70, wherein the electronic device only communicates with the server system indirectly through the portable wireless device.

75. (original) The program code storage device according to claim 70, wherein the network is a wide area network (WAN).

76. (original) The program code storage device according to claim 70, wherein communication between the electronic device and the server system is packet-based.

77. (currently amended) A vending machine, comprising:
a wireless transceiver to communicate wirelessly via at least one of light transmission and radio frequency (RF) transmission with a portable wireless device over a first wireless connection, the portable wireless device having a second wireless

connection to a network, wherein a server system is connected to the network, [[and]] the wireless transceiver communicating with the portable wireless device over the first wireless connection and the portable wireless device communicating with the server system over the network, ~~and the wireless transceiver~~ receiving payment information data from the portable wireless device via the first wireless connection, transmitting transaction data including the payment information data to the portable wireless device and receiving response data from the portable wireless device; and

a dispenser to dispense an item when an approval is received ~~indirectly~~ in the response data from the server system over the network, the approval being transmitted from the server to the portable wireless device and the portable wireless device transmitting the approval via the first wireless connection to the wireless transceiver.

78. (previously presented) The vending machine according to claim 77, wherein the wireless transceiver communicates wirelessly with the portable wireless device over the first wireless connection via a protocol selected from the group consisting of InfraRed communication, Bluetooth protocol, and IEEE 802.11 protocol.

79. (previously presented) The vending machine according to claim 77, wherein the second wireless connection is selected from the group consisting of a Transmission Control Protocol/Internet Protocol (TCP/IP) connection, a satellite connection, a Global System for Mobile communications (GSM) connection, a code-division multiple access (CDMA) connection, a time-division multiple access (TDMA) connection, a Cellular Digital Packet Data (CDPD) connection, a General Packet Radio Service (GPRS) connection, and a wideband code-division multiple access (WCDMA) connection.

80. (original) The vending machine according to claim 77, wherein the approval is transmitted from the server system to the vending machine after successful payment verification.

81. (original) The vending machine according to claim 77, wherein communication between the vending machine and the server system is secured from the portable wireless device.

Claims 82 and 83 (cancelled).

84. (previously presented) The vending machine according to claim 77, wherein the vending machine does not have a permanent connection to the network.

85. (original) The vending machine according to claim 77, wherein the vending machine only communicates with the server system indirectly through the portable wireless device.

86. (currently amended) The vending machine according to claim 77, wherein the server system is adapted to process [[a]] the transaction data including the payment information data.

87. (original) The vending machine according to claim 77, wherein the wireless transceiver transmits telemetry data destined to the server system along with transaction data destined to the server system transmitted from the wireless transceiver.

88. (original) The vending machine according to claim 77, wherein the network is a wide area network (WAN).

89. (original) The vending machine according to claim 77, wherein communication between the wireless transceiver and the server system is packet-based.

Claims 90 - 132 (cancelled).